

Converting Colors

CIELCh(71, 39.332, 293.906)

Have a look what the booklet for
CIELCh(71, 39.332, 293.906)
contains.

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Color

CIELCh(71, 39.373, 293.924)

Conversions

Conversions Part 1

Format	Color
Hex	A7A7EF
RGB	167, 167, 239
RGB Percent	65%, 65%, 94%
CMY	0.3443, 0.3443, 0.0619
CMYK	0.30, 0.30, 0.00, 0.06
HSL	240°, 70%, 80%
HSV	240°, 30%, 94%
XYZ	45.4410, 42.1875, 87.5670
YIQ	175.2080, -23.1120, 22.3920

Conversions

Conversions Part 2

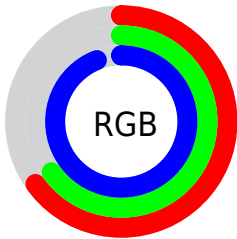
Format	Color
RYB	167, 167, 239
Decimal	10987503
CIELab	71.00, 15.97, -35.99
CIELCh	71, 39.373, 293.924
Yxy	42.1875, 0.2594, 0.2408
Android (android.graphics.Color)	4289177583 (0xFFA7A7EF)
YUV	175.2080, 31.4495, -7.1984
Hunter-Lab	64.9519, 11.2145, -34.4674

Details

The CIELCh color `71, 39.373, 293.924` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `93, 36.570, 107.253`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 17.220, 293.810`, and `51, 39.642, 294.104` is the 20% darker color. If you saturate the color by 10%, you get `63, 53.599, 295.624`, and if you desaturate by 10%, it is `79, 25.740, 292.470`.

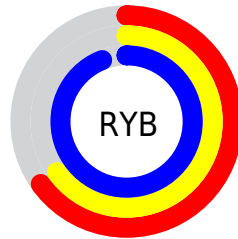
Distribution



Red (65%)

Green (65%)

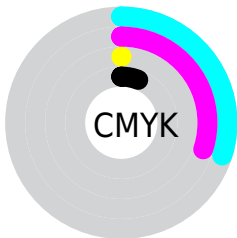
Blue (94%)



Red (65%)

Yellow (65%)

Blue (94%)

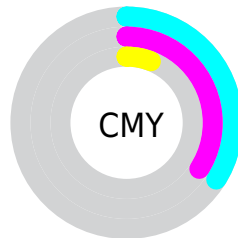


Cyan (30%)

Magenta (30%)

Yellow (0%)

Black (6%)



Cyan (34%)


Magenta (34%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 39.373, 293.924 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 71, 39.373, 293.924 by changing the saturation by 10% instead.


 71, 39.373,
293.924


 71, 39.373,
293.924


 100, 39.373,
293.924


 61, 39.373,
293.924


 91, 39.373,
293.924

 51, 39.373,
293.924

 41, 39.373,
293.924

 31, 39.373,
293.924

 21, 39.373,
293.924

 11, 39.373,
293.924

 1, 39.373, 293.924

■ 0, 39.373, 293.924

■ 71, 39.373,
293.924

■ 71, 39.373,
293.924

■ 63, 53.599,
295.624

■ 79, 25.740,
292.470

■ 56, 68.395,
297.577

■ 87, 12.677,
291.240

■ 48, 83.579,
299.737

■ 94, 0.140, 290.717

■ 41, 98.589,
301.969

■ 100, 7.996,
109.570

■ 36, 112.157,
304.012

■ 32, 122.223,
305.513

■ 30,127.492,
306.287

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71, 39.373, 293.924



93, 36.570, 107.253

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 39.373, 293.924



71, 39.373, 343.924



71, 39.373, 113.924



71, 39.373, 163.924

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71, 39.372, 293.924



93, 11.867, 291.120



90, 23.258, 197.912



48, 8.269, 291.284



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 39.372, 293.924



70, 50.237, 294.917



74, 40.975, 310.545



46, 7.131, 291.170



22, 104.555, 306.287



3, 37.809, 298.752

Inverse Universe

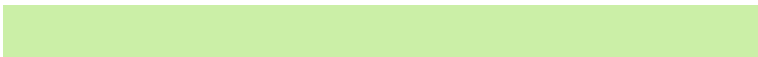
The Inverse Universe completely reimagines the original color for something new.



77, 45.629, 326.083



79, 57.217, 326.395



90, 39.273, 127.658



47, 8.608, 324.946



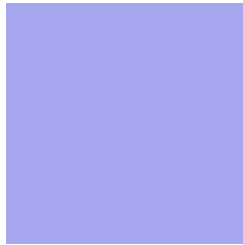
44, 90.291, 328.236



10, 39.416, 328.235

Previews

White Background



This preview shows how the CIELCh color 71, 39.373, 293.924 looks on a white background.

Color Contrast Check

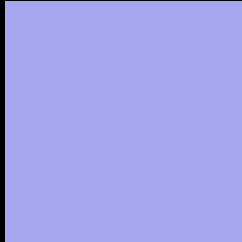
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 71, 39.373, 293.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

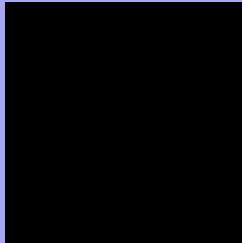
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 39.373, 293.924

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.373, 293.924.



This preview shows how white text looks on a background with the CIELCh color 71, 39.373, 293.924.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71, 39.373, 293.924

Protanopia

71, 38.971, 285.418

Deuteranopia

71, 36.806, 285.080



Tritanopia
71, 10.233, 247.545

Trichromacy



Original Color
71, 39.373, 293.924

Protanomaly
71, 38.820, 288.444

Deuteranomaly
71, 37.207, 288.016

Tritanomaly
71, 19.965, 280.409

Monochromacy



Original Color
71, 39.373, 293.924

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 14.210, 291.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.373, 293.924 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(167, 167, 239)` looks like.

```
.text, #text, p{  
    color:rgb(167, 167, 239)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(167, 167, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 167, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.373, 293.924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 167, 239) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(167, 167, 239) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(167, 167, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 167, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 167, 239);  
box-shadow:4px 4px 4px 4px rgb(167, 167,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.373, 293.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 167, 239) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(167,  
167, 239) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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